

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

LEE, Chang-ho

Application No.: Unassigned

Group Art Unit: Unassigned

Filed: July 24, 2003

Examiner: Unassigned

For: METHOD OF DATA BACKUP AND RECOVERY

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

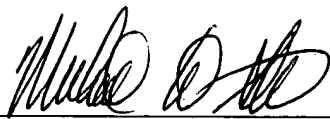
1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copies of IDS citations.
  - 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
  - 1d. ☒ English language translation (abstract only) attached to some of the non-English language publications.
  - 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is  
  
(Check appropriate Items 2a, 2b, 2c and/or 2d)
  - 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
  - 2b. ☐ set forth in the application.

- 2c. ☒ satisfied because an English language translation (complete or relevant portion(s)) is attached to some of the non-English language publications.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: July 24, 2003  
1201 New York Avenue, N.W.  
Suite 700  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501

By:   
Michael D. Stein  
Registration No. 37,240

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF REFERENCES CITED BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>	ATTORNEY DOCKET NO. 1572.1131	APPLICATION NO. Unassigned
FIRST NAMED INVENTOR LEE, Chang-ho		
FILING DATE July 24, 2003		GROUP ART UNIT Unassigned

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,907,673	5/1999	Hirayama et al.			
	AB	6,366,987B1	4/2002	Tzelnic et al.			
	AC	6,374,265B1	4/2002	Chen et al.			
	AD						
	AE						
	AF						

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	AG	KR 1998-24086	7/1998	Republic of Korea				X
	AH	KR 2001-4069	1/2001	Republic of Korea				X
	AI	KR 2001-56748	7/2001	Republic of Korea				X
	AJ	JP 61-256444	11/1986	Japan			abstract	
	AK	JP 6-259301	9/1994	Japan			abstract	
	AL	WO 01/04797 A1	1/2001	WIPO				

### OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AM	
	AN	
	AO	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO. 1572.1131	APPLICATION NO. Unassigned
	FIRST NAMED INVENTOR LEE, Chang-ho	
	FILING DATE July 24, 2003	GROUP ART UNIT Unassigned

Republic of Korea applications KR 1998-24086, KR 2001-4069, and KR 2001-56748 relate to data backup and recovery or data management